

ABSTRACT

A tee for mounting an instrument in a pipe system, the tee comprising a body member having at least one inlet and one outlet for providing a flow path through the body, and a concave surface that forms a cup in fluid communication with the flow path for providing fluid access to the instrument, wherein (a) at least one of the inlet or the outlet is positioned offset relative to a central axis of the cup, (b) the inlet is vertically offset from the outlet, or (c) a combination of (a) and (b). Piping systems having such tees, particularly with at least one tee mounted in a rolled position such that the central axis of the cup is aligned at an angle in a range of 0 to 90 degrees from vertical, are also disclosed.